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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/727,198	12/02/2003	Simon Robert Walmsley	PEA23US	4548
24011	7590	11/21/2008		
SILVERBROOK RESEARCH PTY LTD			EXAMINER	
393 DARLING STREET			LE, DINH THANH	
BALMAIN, 2041			ART UNIT	PAPER NUMBER
AUSTRALIA			2816	
			MAIL DATE	DELIVERY MODE
			11/21/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Application No.	Applicant(s)
10/727,198		WALMSLEY, SIMON ROBERT	
Examiner	Art Unit		
DINH T. LE	2816		

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 10 September 2008.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1 and 4-6 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1 and 4-6 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/OS/02/05)
 Paper No(s)/Mail Date 9/10/2008

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____

5) Notice of Informal Patent Application

6) Other: _____

NON-FINAL REJECTION

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/10/2008 has been entered.

The rejections over Uchida et al (US 6,731,919), Chemla (U.S Patent No. 5,805,403) in view of Yamazaki (JP409212254) and Kitano (U.S Patent No. 5,870,267) have been withdrawn in view of the amendments to the claims.

Claims Rejections

Claim Rejections - 35 USC § 112

Claims 1 and 4-6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Correction or clarification is required.

In claim 1, it is unclear how the recitation "the temperature sensor configured to detect under and over temperature conditions", "logic circuitry" and "system clock" is read on the preferred embodiment. Insofar as understood, no such limitation is seen on the drawings. Also, it is not understood what the "logic circuitry" is, how the filter can "prevent" the system clock when it is not connected to the system clock and the logic circuitry, and if the recitation "a predetermined temperature" on line 6 is additional "temperature" or further recitation of the previously claimed "temperature" on line 5.

In claim 4, the recitation “the predetermined temperature” on line 2 lacks clear antecedent basis and what the “frequency range” is. The same is true for claim 5.

In claim 5, it is unclear what the “some or all of the logic circuitry” are.

In claim 6, it is unclear what the “unpredictable logical behavior” is.

The remaining claimed are dependent from claim 1 and therefore also considered indefinite.

Response to Applicant's Arguments

The applicant's arguments over Uchida et al (US 6,731,919), Chemla (U.S Patent No. 5,805,403) in view of Yamazaki (JP409212254) and Kitano (U.S Patent No. 5,870,267) are moot without traverse.

Allowable Subject Matter

Claims 1 and 4-6 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action. These claims are allowed because the prior art of record fails to suggest “integrated circuit including a clock filter having a temperature sensor configured to detect a under and over temperature conditions of the integrated circuit” as combined in claim 1.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DINH T. LE whose telephone number is (571) 272-1745. The examiner can normally be reached on Monday-Friday (8AM-7PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lincoln Donovan, can be reached at (571) 272-1988.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/DINH T. LE/

Primary Examiner, Art Unit 2816